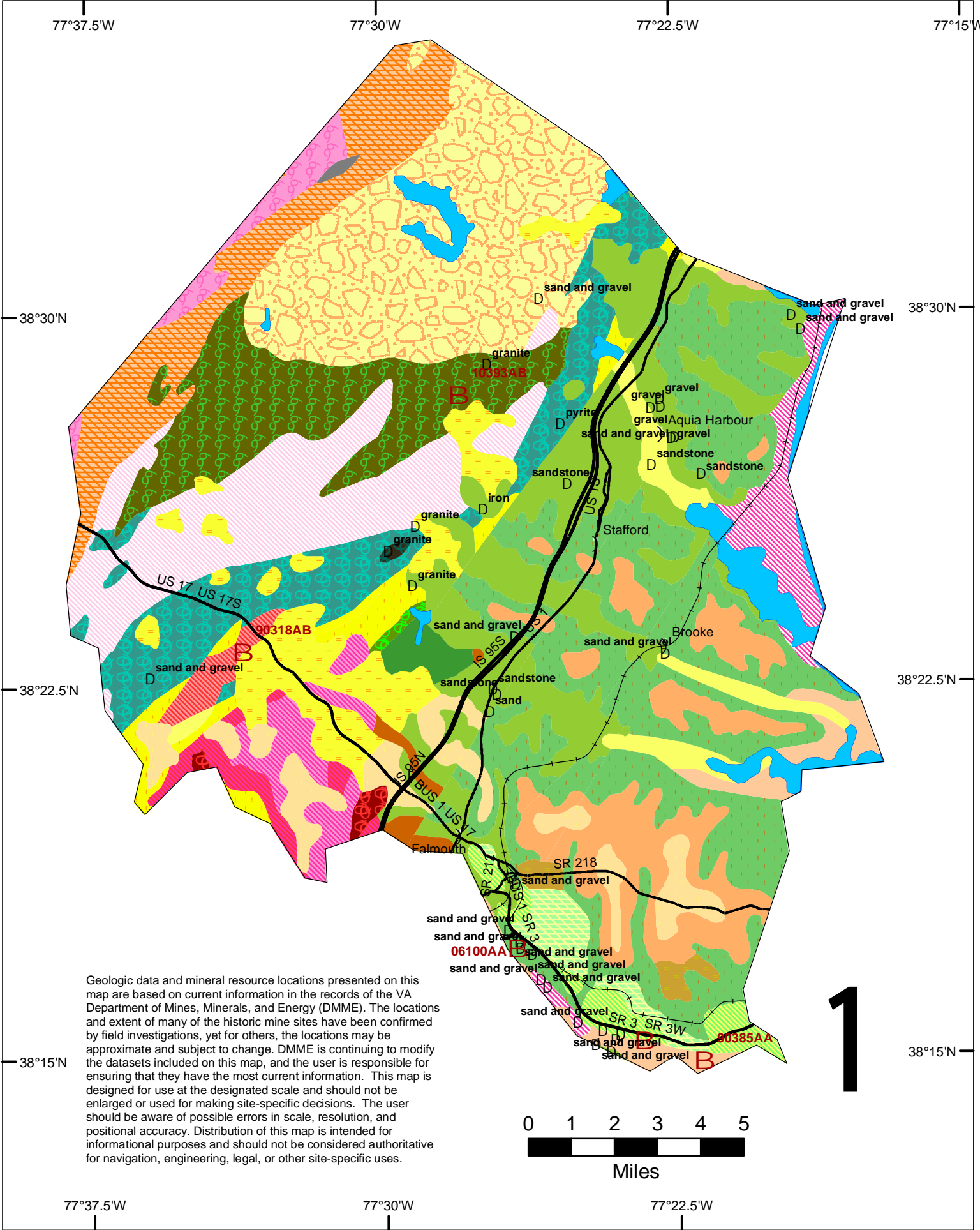


GEOLOGY AND MINERAL RESOURCES OF STAFFORD COUNTY, VIRGINIA



Mineral Resources

- B** Active Mine (permit #)
D Mineral Occurrence (commodity)

Key

-) City or Town
— Interstate
— Primary roadway
—+— Railway
■ water

Geology (see expanded explanation)

Piedmont

- my - mylonite
PMf - Falmouth Intrusive Suite
Sf - Falls Run Granite Gneiss
Oq - Quantico Formation, slate and schist
Oqq - Quantico Formation, micaceous quartzite
OCgg - Goldvein pluton
OCpg - plagioclase tonalite
OCu - metasedimentary rocks, undivided
OCp - phyllite
Cl - Lunga Reservoir Formation, metadiamicite
OCtj - trondhemite
Ccv - Chopawamsic Formation
Cta - Ta River Metamorphic Suite
Cg - amphibole metagabbro
CZg - Garrisonville Mafic Complex, amphibolite, etc.
CZh - Holly Corner Gneiss
dgn - quartz diorite gneiss
Ymd - porphyroblastic garnet-biotite gneiss

Coastal Plain

- al - alluvium (Holocene)
Qt - Tabb Formation
Qsh - Shirley Formation
Qcc - Charles City Formation
QTw - Windsor Formation
Tb1 - Bacons Castle Formation
Tc - Chesapeake Group
psg - sand and gravel (Pliocene)
msg - sand and gravel (Miocene)
Tl - Lower Tertiary deposits
Kp - Potomac Formation

Data Sources:

Geology: Virginia Division of Mineral Resources (DMR), 2003, Publication 174, Digital Representation of the 1993 Geologic Map of Virginia, scale 1:500,000.
Active Mine Locations: Virginia Division of Mineral Mining, scale 1:24,000.
Mineral Occurrences: DGMR Mineral Resources of Virginia database, scale 1:24,000.